

ABSTRACT

Life in a big city that is complicated and full of pressure often brings its own challenges, especially in today's digital era. Responding to this challenge, as well as the impact of the COVID-19 pandemic that has affected all levels of society, a new startup called Feelsbox has emerged. This startup is engaged in mental health, a focus that is very important and relevant to current conditions, demonstrating smart and responsive adaptations to the needs of the times. This startup sees the potential of transforming data into a valuable asset to optimize its services, utilizing the dashboard as a tool to manage, monitor and report data in an easy-to-understand visual form. Feelsbox implements this dashboard with the scrum framework. This scheme features a sprint, which is a series of quick steps to achieve an effective and efficient final product. Scrum involves the product owner, scrum master, and development team which will go through five stages: product backlog, sprint planning, daily scrum, sprint review, and retrospective process. In the implementation phase, this study plans to carry out 49 product backlog (PBI) items in five sprints. In this process, the designed dashboard will be able to manage, report and compile data, which will become the Key Performance Indicator (KPI) in the Feelsbox system. After the sprint is complete, the next stage is to do a black-box test and load test. In this test, there are 11 main features that will be tested through 39 scenarios. And load testing proves that the website can be accessed by as many as 90 people simultaneously. Suggestions for further developments are implementing API technology so that it can interact with other platforms.

Keywords: Mental Health, Dashboard, Scrum, Black-box Testing, Key Performance Indicator